

## ABSTRACT OF THE DISCLOSURE

An electrical connection structure that is able to electrically connect wiring to a biopolymer, a production method of the electrical connection structure, and an electric wiring method which is able to perform wiring on a nanometer-scale. A first aspect of the production method of the present invention uses a carbon nanotube as an electrode, and makes the carbon nanotube contact the biopolymer. A second aspect of the production method applies electric current between the electrode and the biopolymer of the first aspect. The electrical connection structure of the present invention comprises at least the electrode formed by the carbon nanotube and the biopolymer, wherein the electrode is in contact with the biopolymer. In the electric wiring method of the present invention, the electrode formed by the carbon nanotube contacts the biopolymer to complete an electrical connection.

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